JONAH SMITH

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EDUCATION

Graduate School of Journalism & School of Engineering and Applied Science May 2016 (expected)
Columbia University, New York, NY
Dual Masters of Science degrees in journalism and computer science, with coursework in political reporting and machine learning. Covered the New York City Council and social programs in Central Bronx.

Columbia College May 2014
Columbia University, New York, NY
Bachelor of Arts in sociology and statistics, *magna cum laude*, *Phi Beta Kappa*. Focused on mathematical, applied, and non-parametric statistics, and the sociology of education and socioeconomic stratification. Senior honors thesis using computational methods to impute missing data in a large, national study of early non-cognitive traits that can predict high school graduation. Summer abroad in Madrid, Spain, with coursework in the Spanish language and art history. Semester abroad in Copenhagen, Denmark, with coursework in Danish language, cultural integration and immigration, and urban history.

EXPERIENCE

Journal of Politics & Society Columbia University
Editor in Chief, Executive Editor, Senior Editor, Associate Editor Fall 2012 – Spring 2014
Managed all editorial and business operations of the country's oldest undergraduate peer-reviewed journal of social science. Achievements included rewriting the style guide; designing and implementing a new logo, cover design and page layout; and introducing social media outreach programs.

BuroHappold Engineering New York, NY
Sustainability Intern Summer 2014
Spearheaded an industry-leading effort to use data-driven tools and applications to present building performance information to architects and contractors. Became an expert in building efficiency metrics and databases. Projects included complex interactive data visualizations, data scraping and integration, real-time visualization of sensor data, and experimental data visualization strategies.

Open Syllabus Project New York, NY
Researcher Spring 2014
As a member of the core research team, designed and developed an innovative document submission system using Twitter hashtags. Server-side Python development utilizing the Twitter API and a Cron task, with security checks and file format verification.

Institute for Social and Economic Research and Policy (ISERP) New York, NY
Undergraduate Research Fellow, Research Assistant Fall 2011 – Summer 2012
Developed data scraping scripts; conducted statistical analyses of large datasets; collected and coded qualitative and quantitative data from online sources, newspaper archives, and interviews. Topics included migratory patterns of American families in the twentieth century and the spread of cultural trends in small Midwest towns.

SKILLS AND MEMBERSHIP

Foreign Languages	Spanish (proficient), Danish (conversational)
Multimedia	Basic audio recording and editing, basic DSLR photography and editing
Programming and Statistics	Bash, CSS, D3, Git(Hub), Java, JavaScript, LaTeX, Matlab, Python, R, SAS
Professional Organization	National Association of Hispanic Journalists

References available upon request.